SEQUENCE LISTING

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<120> FVIIA ANTAGONISTS

<130> 11669.232USC1

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<141> 2003-08-11

<150> US 09/632,429
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<150> US 60/147,627
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<150> US 60/150,315
<151> 1999-08-23

<160> 109

<170> PatentIn version 3.3

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Val Gly Leu Val
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Glu Gly Leu Glu
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Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Glu Arg
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Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
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Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
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Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
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Glu Gly

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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Ala Gly Gly Gly Gly Ser Gly Gly
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Glu Ala Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Trp Thr Phe Glu Thr Cys Glu Arg Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Arg Thr Cys Glu Arg Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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<400> 57

Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu Gly
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Gly Gly Gly Ser Gly Gly
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Glu Glu Phe Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Leu Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
1 5 10 15

Glu Gly Gly Gly Gly Ser Gly Gly
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Phe Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu Gly
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Gly Gly Gly Ser Gly Gly
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1 5 10 15

Gly Gly Gly Ser Gly Gly
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Glu Glu Tyr Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
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Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Tyr Thr Trp Glu Thr Cys Glu Arg Gly
1 5 10 15

Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Trp Thr Tyr Glu Thr Cys Glu Arg Gly
1 5 10 15

Glu Gly Gly Gly Gly Ser Gly Gly
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp Lys
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Glu Gly Gly Gly Gly Ser Gly Gly
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Gly Ala Glu Trp Glu Val Leu Cys Trp Glu Trp Glu Gly Cys Glu Ser
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Val Trp Pro Gly
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Gly Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gln Cys Glu Phe
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Gly Ser Leu Val
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Asn Ala Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Gly Pro
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Met Asp Pro Ala
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Arg Asp Gly Trp Glu Val Val Cys Trp Glu Trp Glu Gly Cys Glu Arg
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Ala Val Asp Val
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Ser Gly Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Ala Cys Gly Trp
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Glu Ser Gly Glu
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Ser Thr Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gly Cys Gly Trp
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Gly Gly Ile Glu
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<400> 72

Ser Asp Glu Trp Glu Val Val Cys Trp Thr Trp Glu Ala Cys Glu Thr
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Val Gly Leu Gly
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<400> 73

Ser Ala Glu Trp Glu Val Ile Cys Trp Thr Trp Glu Ser Cys Glu Trp
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Gly Gly Leu Gly
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<400> 74

Ser Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Glu Cys Gly Ser
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Val Trp Pro Pro
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Thr Ala Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Gly Pro
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Leu Gly Pro Val
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<400> 76

Ala Trp Glu Val Leu Cys Trp Ala Trp Glu Asp Cys Glu Arg Gly Ala
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Gly Ser

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Ala Trp Glu Val Val Cys Trp Ser Trp Glu Thr Cys Glu Arg Gly Glu
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Thr Pro

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<400> 78

Glu Trp Glu Val Val Cys Trp Ala Trp Glu Thr Cys Glu Arg Gly Glu
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Arg Gln

<210> 79
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Glu Trp Glu Val Leu Cys Trp Glu Trp Glu Val Cys Glu Arg Asp Ile
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Thr Leu

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Glu Trp Glu Val Val Cys Trp Thr Trp Glu Ala Cys Glu Leu Gly Glu
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Arg Val

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Gly Trp Glu Val Val Cys Trp Ser Trp Glu Ser Cys Ala Arg Gly Asp
1 5 10 15

Leu Glu

<210> 82
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<400> 82

Ala Trp Glu Val Val Cys Trp Ser Trp Glu Thr Cys Glu
1 5 10

<210> 83
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<400> 83

Glu Trp Glu Val Val Cys Trp Glu Trp Glu Asn Cys Leu
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<210> 84
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<400> 84

Glu Trp Glu Val Leu Cys Trp Gly Trp Glu Thr Cys Ser
1 5 10

<210> 85
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<400> 85

Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Glu Cys Ser
1 5 10

<210> 86
<211> 13
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<400> 86

Ser Trp Glu Val Leu Cys Trp Gln Trp Glu Glu Cys Glu
1 5 10

<210> 87
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<400> 87

Thr Trp Glu Val Leu Cys Trp Ser Trp Glu Ser Cys Glu
1 5 10

<210> 88
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Met Glu Thr Trp Glu Val Leu Cys Trp Glu Trp Glu Glu Cys Val Arg
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Gly Gly Glu Pro
20

<210> 89
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<212> PRT
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<400> 89

Ala Val Glu Trp Glu Val Ile Cys Trp Ala Trp Glu Thr Cys Glu Arg
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Ser Asn Met Gln
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<210> 90
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<400> 90

Ala Val Gln Trp Glu Val Leu Cys Trp Gln Trp Glu Asn Cys His Arg
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Gly Glu Gln Val
20

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Met Gln Gly Trp Glu Val Val Cys Trp Glu Trp Glu Gly Cys Ala Arg
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Gly Asp His Gln
20

<210> 92
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<220>

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<400> 92

Glu Glu Gln Trp Glu Val Val Cys Trp Asp Trp Glu Thr Cys Asp Trp
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Pro Gly Lys Asp
20

<210> 93
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Leu Gly Glu Trp Glu Val Met Cys Trp Thr Trp Glu Ser Cys Gly Trp
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Pro Val Gly Ser
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<400> 94

Met Leu Asp Trp Glu Val Val Cys Trp Thr Trp Glu Ser Cys Val Arg
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Glu Gly Lys Gln
20

<210> 95
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<400> 95

Lys Asn Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Gly Arg
1 5 10 15

Gly Val Gly Asp
20

<210> 96
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<400> 96

Gly Ala Pro Trp Glu Val Val Cys Trp Ser Trp Glu Ser Cys Ser Trp
1 5 10 15

Gly Val Ala Ser
20

<210> 97
<211> 20
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<400> 97

Glu Asp Leu Trp Glu Val Val Cys Trp Ser Trp Glu Ala Cys Ser Arg
1 5 10 15

Glu Gly Thr Gln
20

<210> 98
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<212> PRT
<213> Staphylococcus aureus

<400> 98

Ala Gln His Asp Glu Ala Val Asp Asn Lys Phe Asn Lys Glu Gln Gln
1 5 10 15

Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Asn Glu Glu Gln
20 25 30

Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala
35 40 45

Asn Leu Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala Pro Asn
50 55 60

Val Asp Met Asn
65

<210> 99
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<213> Artificial Sequence

<220>
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<400> 99

Gly Gly Gly Ser Gly Gly
1 5

<210> 100
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<220>
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<400> 100

Trp Thr Trp Glu Thr
1 5

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<222> (108)..(207)
<223> Xaa is absent or any amino acid

<400> 101

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1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
35 40 45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
50 55 60

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
65 70 75 80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
85 90 95

Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa
100 105 110

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
115 120 125

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
130 135 140

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
145 150 155 160

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
165 170 175

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
180 185 190

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

195 200 205

<210> 102
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide sequence

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<223> Xaa is Trp, Phe, Leu, Ala, Met, or Val

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<223> Xaa is any amino acid

<220>
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<222> (5)..(5)
<223> Xaa is Val, Ile, Ala, Trp, or Tyr

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<223> Xaa is Leu, Ile, Met, Val, or Ala

<220>
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<223> Xaa is Trp, Phe, Leu, Met, Ala, or Val

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<223> Xaa is any amino acid

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<223> Xaa is Trp, Phe, Met, or Tyr

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<223> Xaa is any amino acid

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<222> (14)..(14)

<223> Xaa is any amino acid except Pro

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<222> (15)..(15)
<223> Xaa is Arg, Lys, Leu, Trp, His, or Met

<220>
<221> MISC_FEATURE
<222> (16)..(18)
<223> Xaa is any amino acid

<400> 102

Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 103
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
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<222> (27)..(40)
<223> Xaa is any naturally occurring L-amino acid and sequence length is 20

<400> 103

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
35 40

<210> 104
<211> 20
<212> PRT
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<220>
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<400> 104

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 105
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<222> (6)..(7)
<223> Xaa is any naturally occurring amino acid

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<221> MISC_FEATURE
<222> (10)..(13)
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<221> MISC_FEATURE
<222> (15)..(18)
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<400> 105

Xaa Xaa Xaa Xaa Cys Xaa Xaa Gly Pro Xaa Xaa Xaa Xaa Cys Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 106
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<212> PRT
<213> Artificial Sequence

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<223> Xaa is any amino acid

<400> 106

Xaa Trp Glu Val Xaa Cys Trp Xaa Trp Glu Xaa Cys Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 107
<211> 13
<212> PRT
<213> Artificial Sequence

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<223> Synthetic peptide sequence

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<223> Xaa is any amino acid

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<222> (8)..(8)
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<223> Xaa is any amino acid

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<400> 107

Xaa Trp Glu Val Xaa Cys Trp Xaa Trp Glu Xaa Cys Xaa
1 5 10

<210> 108
<211> 20
<212> PRT
<213> Artificial Sequence

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<222> (15)..(20)
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<400> 108

Xaa Xaa Xaa Trp Glu Val Xaa Cys Trp Xaa Trp Glu Xaa Cys Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 109
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<223> Xaa is Trp, Thr, Ala, Phe, Leu, Met, or Tyr

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<223> Xaa is Thr, Asp, or Ala

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<223> Xaa is Trp, Ala, Phe, Leu, or Tyr

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<223> Xaa is Glu, Ala, Arg, or Gln

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<222> (12)..(12)
<223> Xaa is Gly, Asp, Thr, Ser, or Ala

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<222> (14)..(113)
<223> Xaa is absent or any amino acid

<400> 109

Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
35 40 45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
50 55 60

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
65 70 75 80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
85 90 95

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
100 105 110

Xaa